ITS/CVO Carrier Operations Program

The ITS/CVO carrier operations program will focus on the development of hazardous materials incident response systems. It also will explore the CVO market for traveler information and define the appropriate Federal role in fleet management.

Progress to Date

- Deployed incident management, freeway management, and traveler information systems in many large metropolitan areas
- Involved motor carriers in reporting and disseminating of traveler information
- Supported deployment of fleet and vehicle management systems by motor carriers

Near-Term Goals (1996/1997)

- Test and evaluate TruckDesk system to provide tailored information to motor carriers operating in the Northeast corridor
- Define appropriate Federal role in ITS applications for fleet management and intermodal freight operations
- Complete operational tests of hazardous materials incident response systems (Operation Respond, Tranzit Xpress)

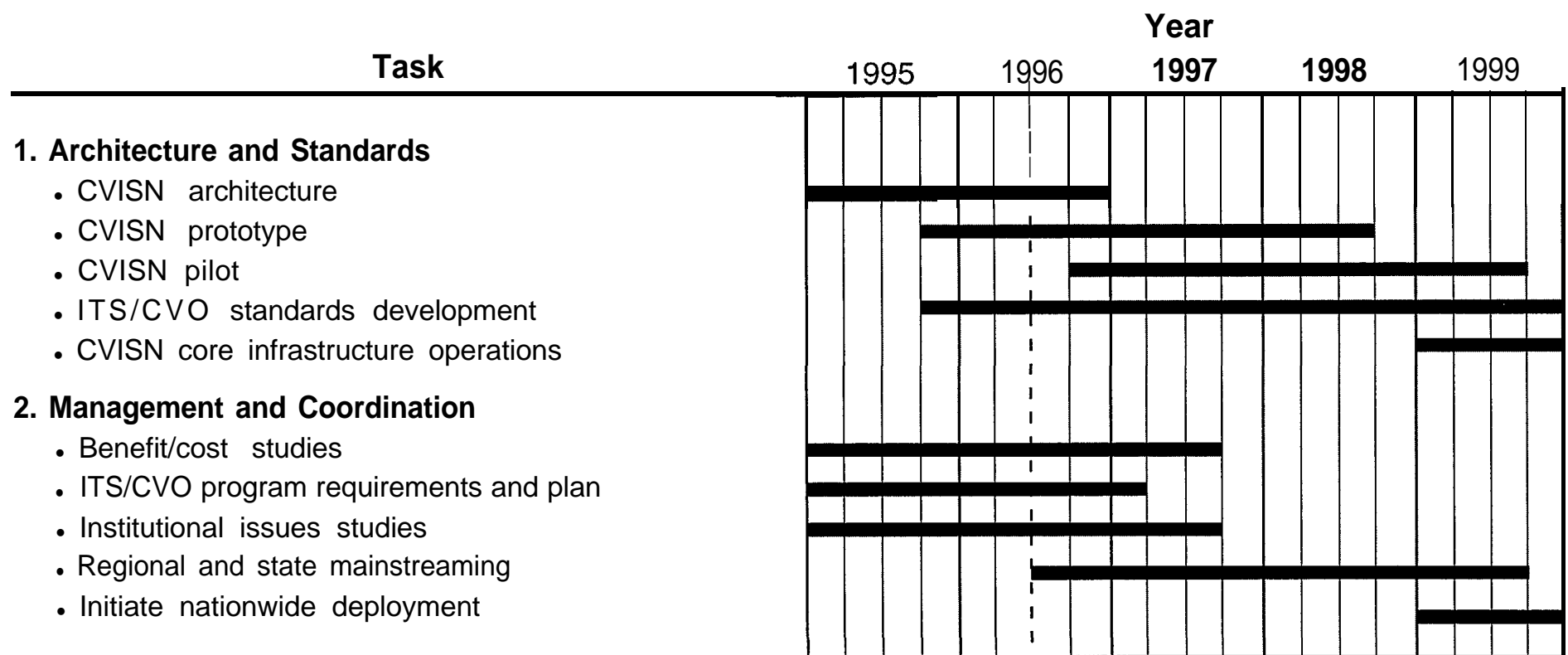Medium-Term Goals (1998/ 1999)

- Develop and test nationwide hazardous materials incident response system
- Develop additional CVO traveler information systems

Long-Term Goals (2000-2005)

- Complete deployment of ITS core infrastructure for metropolitan areas, with specific services targeted at motor carriers.

ITS/CVO Roadmap
Technical and Organizational Infrastructure

Task	Year				
	1995	1996	**1997**	**1998**	1999
1. Architecture and Standards					
• CVISN architecture	▬▬▬▬▬▬				
• CVISN prototype		▬▬▬▬▬▬▬▬			
• CVISN pilot			▬▬▬▬▬▬▬▬		
• ITS/CVO standards development		▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬			
• CVISN core infrastructure operations					▬▬▬▬
2. Management and Coordination					
• Benefit/cost studies		▬▬▬▬▬▬▬▬			
• ITS/CVO program requirements and plan	▬▬▬▬▬▬				
• Institutional issues studies	▬▬▬▬▬▬				
• Regional and state mainstreaming			▬▬▬▬▬▬▬▬▬▬		
• Initiate nationwide deployment					▬▬▬▬

ITS/CVO Technical and Organizational Infrastructure Programs

The next two years will be critical to the progress of the ITS/CVO programs, particularly through the CVISN model deployment and the mainstreaming program.

Progress to Date
- Defined the CVISN architecture
- Began work on defining unique identifiers and standards
- Completed ITS/CVO institutional issues studies in nearly all states

Near-Term Goals (1996/1997)
- Conduct CVISN prototype demonstrations in Maryland and Virginia
- Begin CVISN model deployment with a pilot test in eight states
- Complete industry and state benefit/cost studies
- Complete national ITS/CVO program plan
- Initiate regional and state mainstreaming activities -- establish forums, develop business plans, and identify champions

Medium-Term Goals (1998/ 1999)
- Complete CVISN model deployment and begin expansion to other states
- Deploy CVISN core infrastructure
- Achieve consensus on standards for electronic data interchange and dedicated short-range communications
- Develop ongoing ITS/CVO forums and business plans in each state and region; begin transition from Federal funding to state funding

Long-Term Goals (2000-2005)
- Achieve nationwide deployment of CVISN infrastructure
- Support ITS/CVO forums through state budgets

Major Milestones

Events	Year			
	1996	1997	1998	1999
Select CVISN pilot states	▬			
Award mainstreaming funding	▬			
Conduct CVISN prototype test	▬▬▬▬▬▬▬▬▬▬▬			
Publish baseline CVISN architecture		▬▬		
Deploy computers and inspection software at 200 MCSAP sites	▬▬▬▬▬▬			
Conduct ITS/CVO operational tests (e.g., Advantage I-75 MACS, international border crossing, out-of-service verification, one-stop shopping)	▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬			
Conduct CVISN pilot test		▬▬▬▬▬▬▬▬▬▬▬▬		
Develop state and regional CVO business plans		▬▬▬▬▬		

Major Milestones

The CVISN pilot test and the completion of major operational tests will be the most significant milestones for the ITS/CVO program over the next three years.

The major milestones for the ITS/CVO program over the next three years are as follows:

Fall 1996

- Select CVISN pilot states; award mainstreaming funding

Winter 1996/97

- Publish baseline CVISN architecture

Summer 1997

- Complete deployment of computers and inspection software at 200 MCSAP sites

Through Fall 1997

- Complete current round of CVO operational tests (E.g., Advantage I-75 MACS, international border crossing, out-of-service verification, one-stop shopping)

Spring 1998

- Complete state and regional ITS/CVO business plans

Fall 1998

- Complete CVISN prototype demonstration

Summer 1999

- Complete CVISN pilot test